

Entrust/PKI 5.0

Interoperability Features



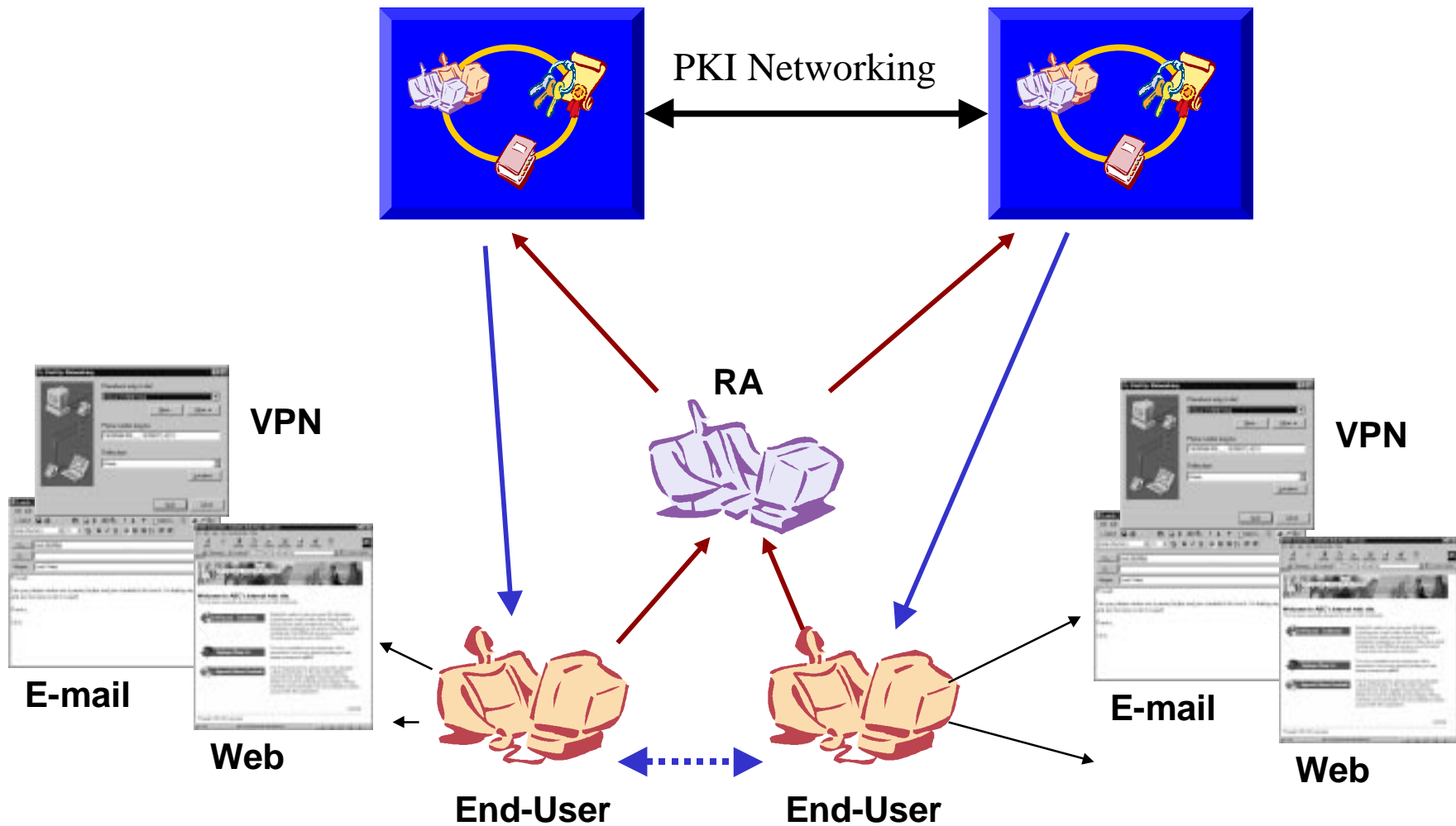
What is interoperability?

- Interoperability has many facets:
 - PKI Networking
 - Registration Flexibilities
 - Application support on the desktop
 - Application support across CAs





Elements of Interoperability





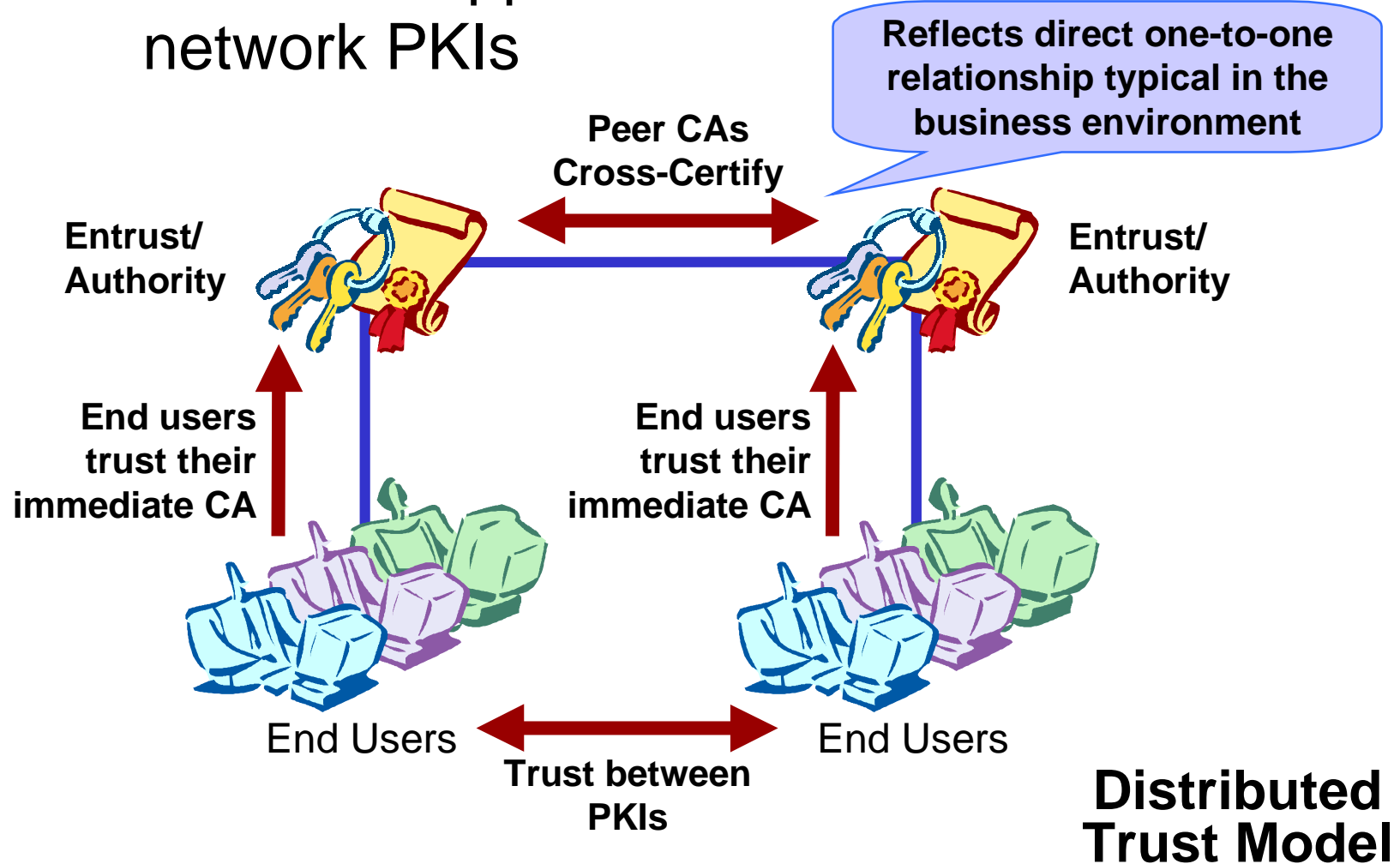
Key Entrust/PKI 5.0 Interoperability Features

- Hierarchical Trust Model
- Limited Trust between CAs
- Algorithm Additions
- Standards Compliance
- S/MIMEv3 Toolkit
- Administrative APIs



PKI Networking

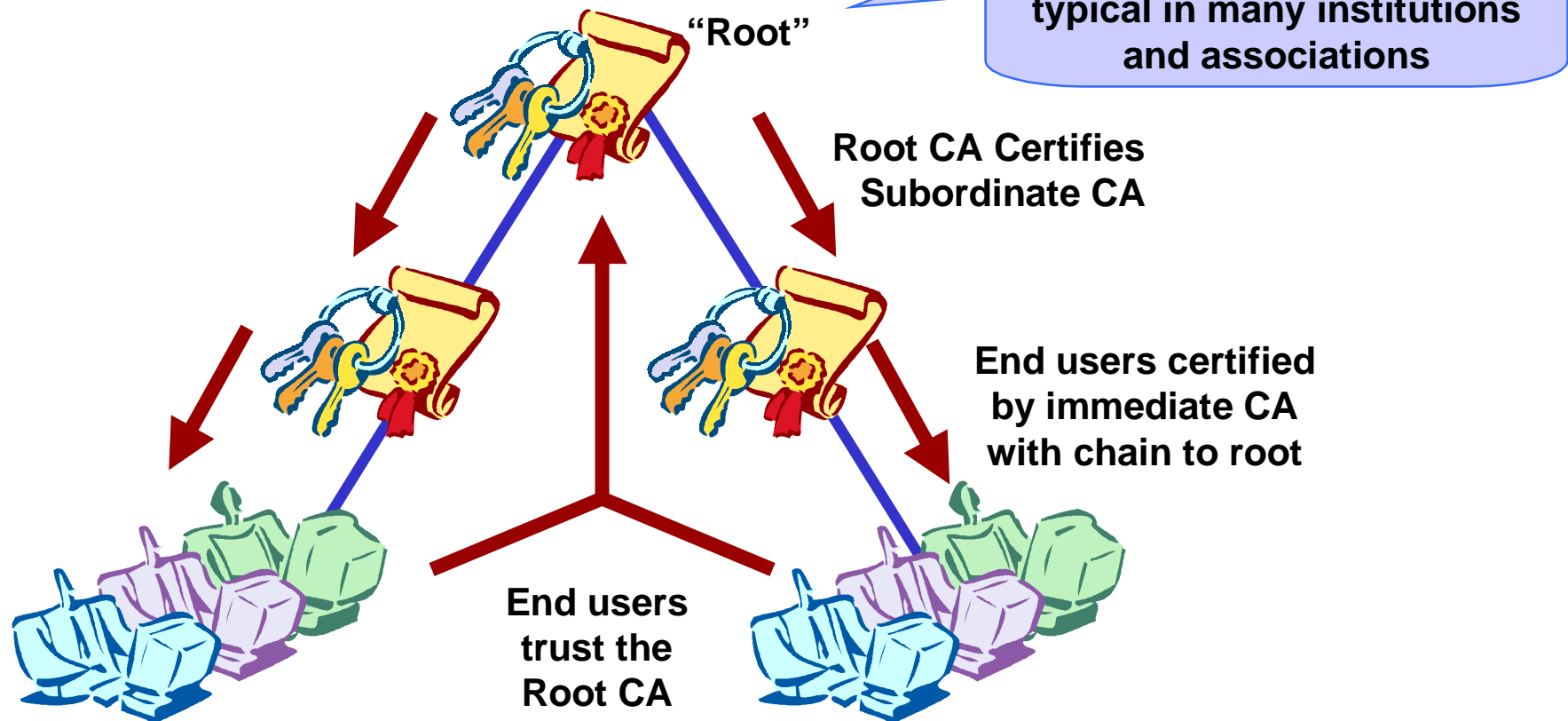
- **Flexible** support for alternative trust models to network PKIs





PKI Networking

- **Flexible** support for alternative trust models to network PKIs

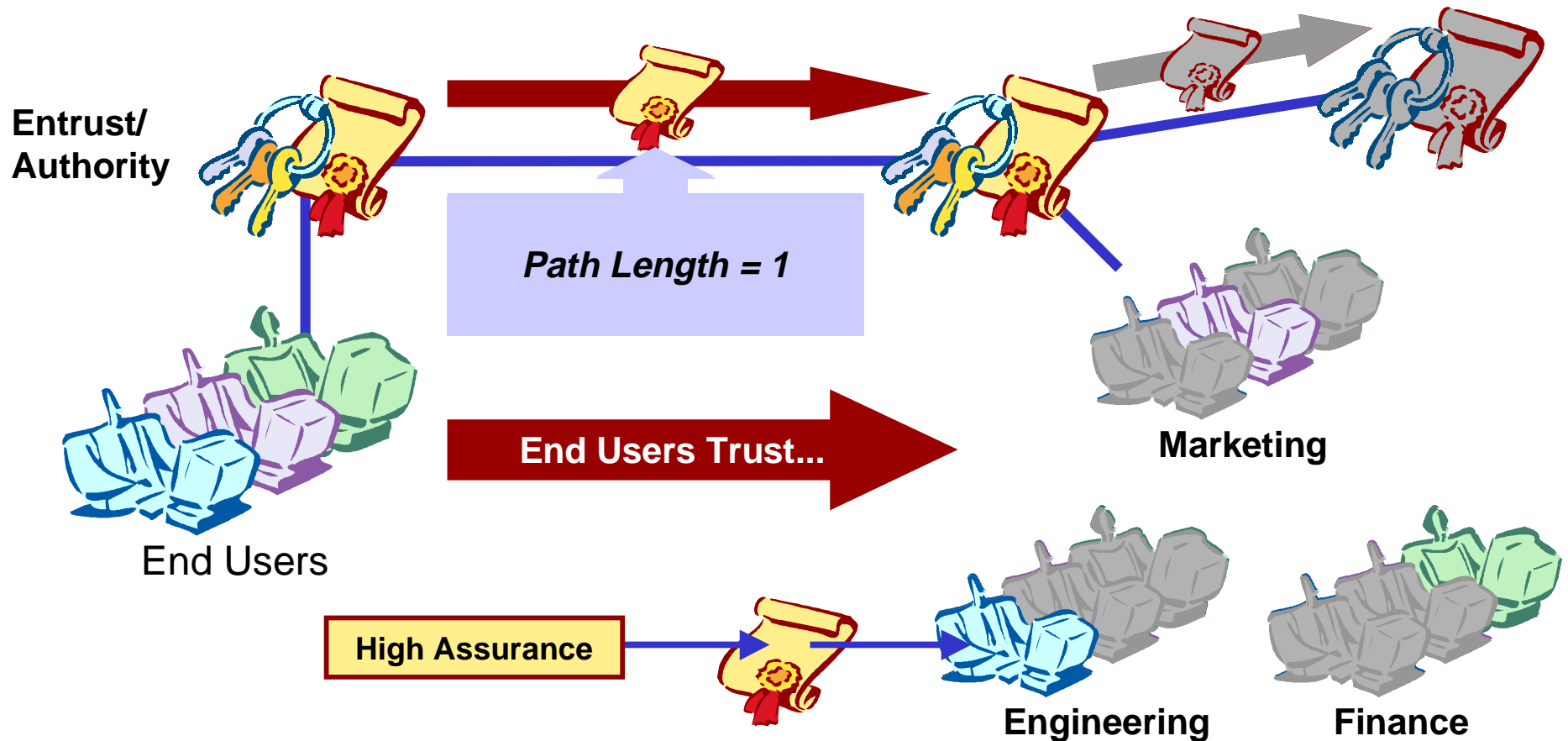


Hierarchical Trust Model



Limited Trust Between CAs

- **Flexibility** to define specific trust relationships between PKIs for greater **security**.





Other Features...

- Algorithm Additions
 - **Flexible** algorithm options
 - RSA, DSA, Diffie-Hellman, Elliptic-curve (**New in 5.0!**)
 - Triple-DES, DES, CAST, RC2, IDEA (**New in 5.0!**)
 - SHA-1, MD5, RIPEMD (**New in 5.0!**)
 - Per-certificate extension values
 - Definable on a per user or group basis



Other Features...

- Open Standards
 - Support for **Open** Certificate Management Protocol (CMP) for greater interoperability
 - Implementation of CRMF
 - Support for LDAPv3 for interoperability, referrals, and support for foreign languages



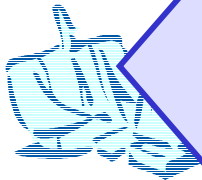
Entrust/Toolkits in 5.0

- EntrustFile Toolkit
- EntrustSession Toolkit
- EntrustIPSec Negotiator Toolkit
- Entrust/Toolkit COM Edition
- Entrust/Toolkit JAVA Edition
- EntrustAdmin Toolkit



Cross Application Support

- Single login across applications and available off-line available through toolkits



End User



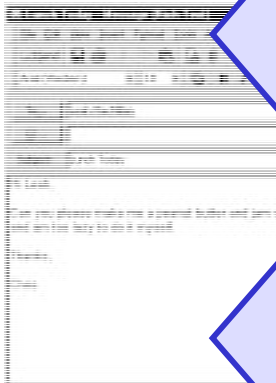
Single password, entered once, to access credentials for all applications

Single Login

Off-line operation



Single password across applications reduces support calls



E-mail



Optional caching allows off-line operations

Continued...

One Login

Etc...



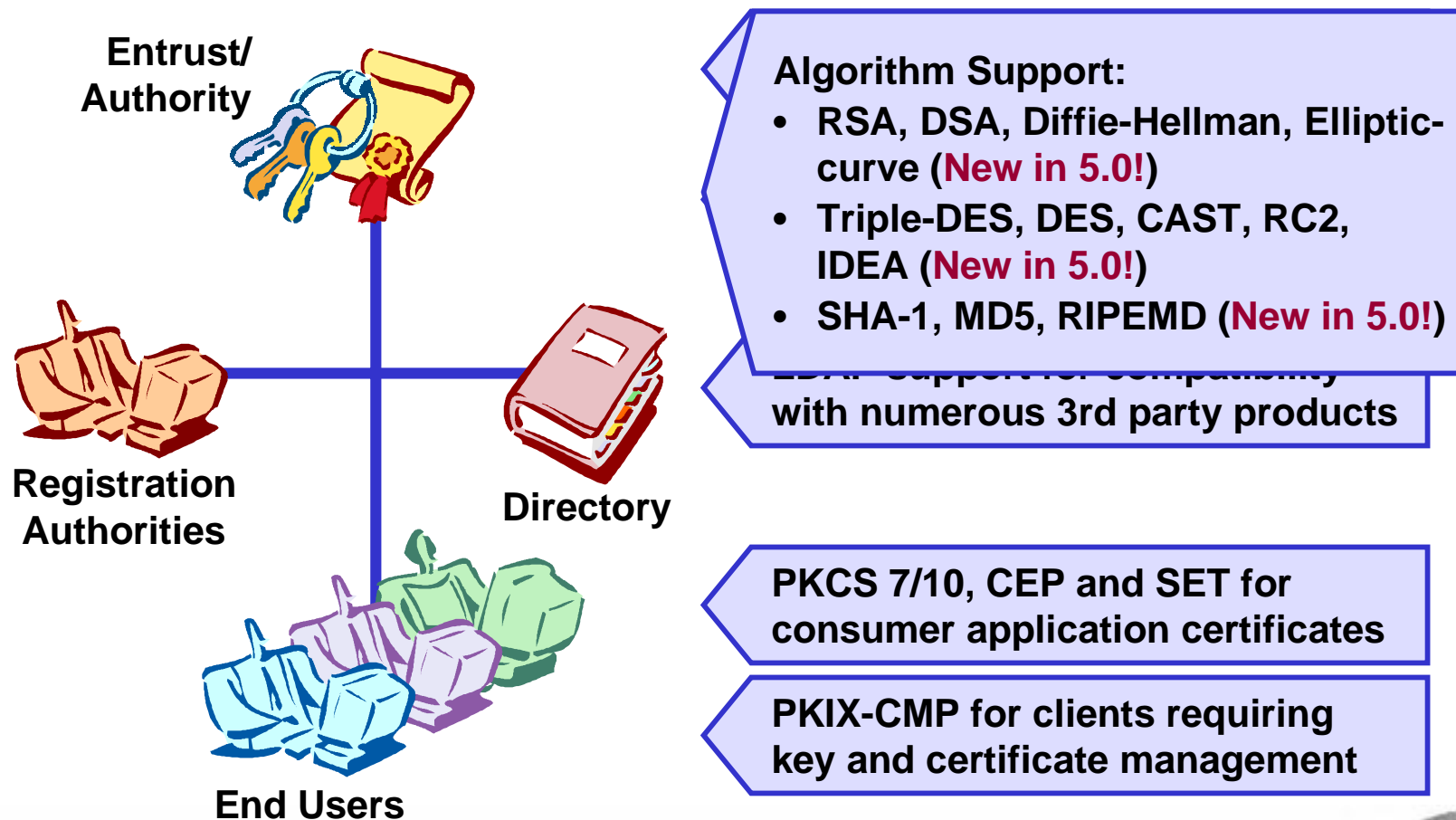
Summary





Interoperability

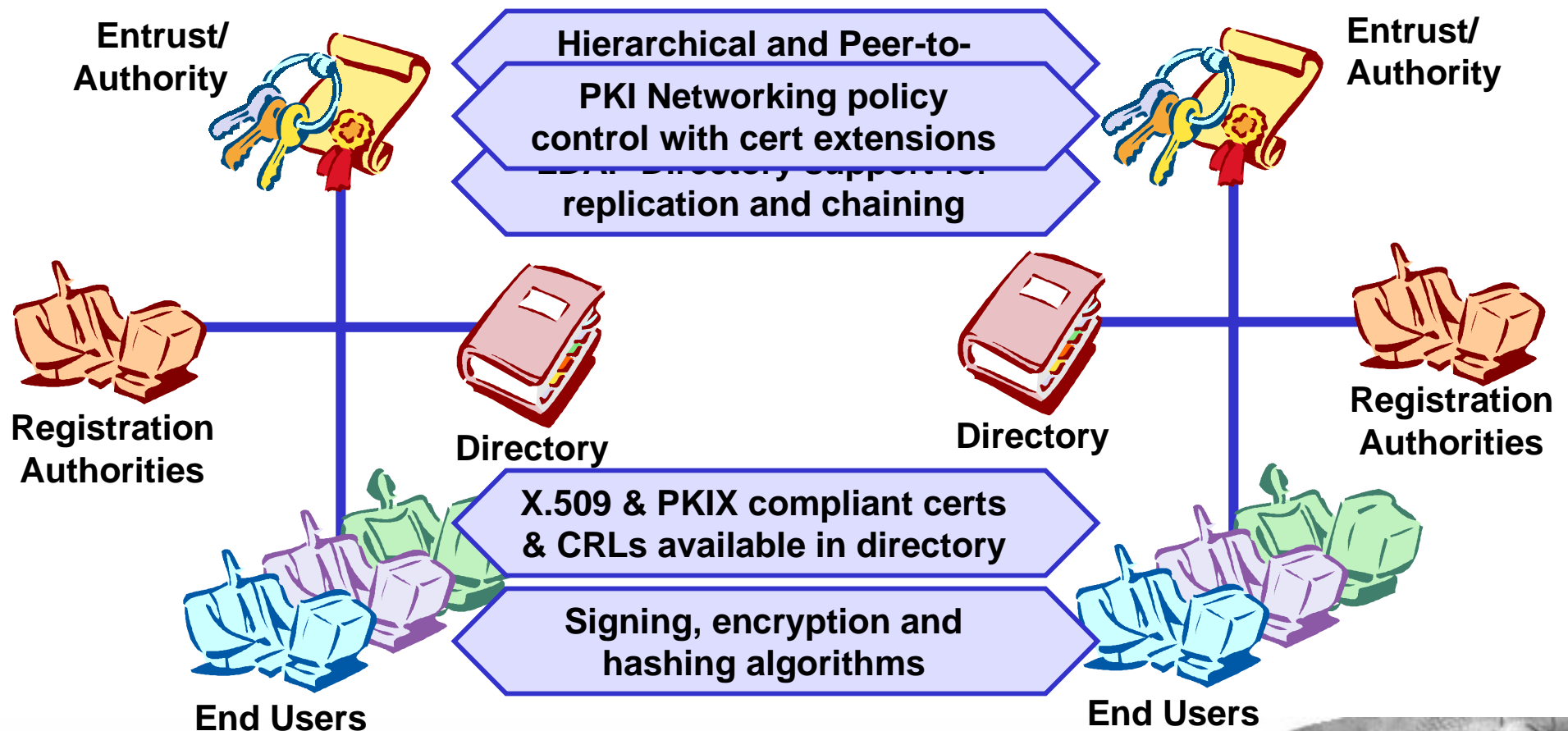
- Standard support for interoperability within the PKI and for PKI Networking





Interoperability

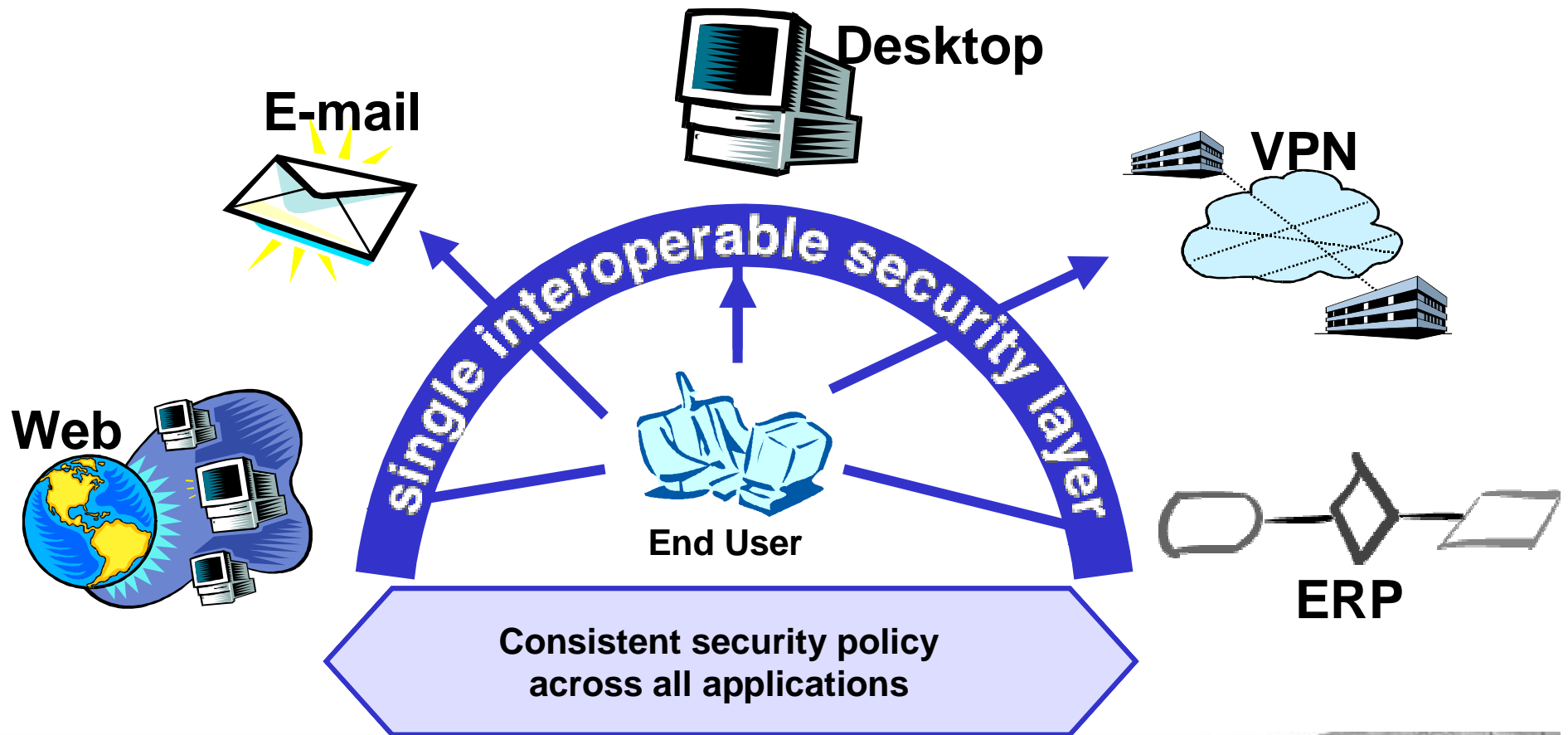
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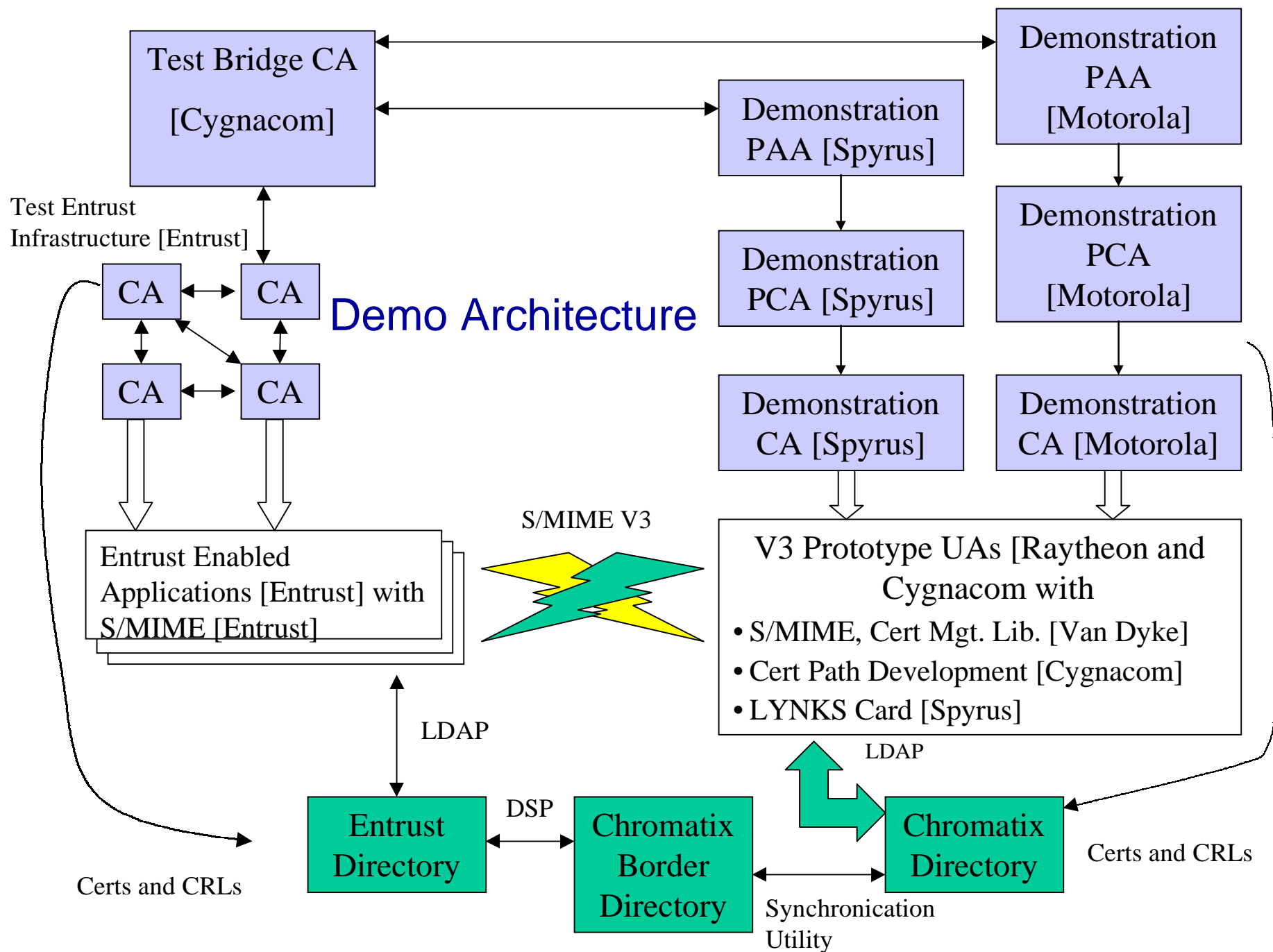




Interoperability

- Interoperable and consistent security is provided across applications







Questions?

- For more information on Entrust:
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877-TWO-KEYS
 - E-mail: entrust@entrust.com
 - Web site: federal.entrust.com



Thank you!

